

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No.: 09/692,846

Applicant(s): Konopka et al.

Filed: October 19, 2000

Title: NATURAL LANGUAGE INTERFACE
CONTROL SYSTEM

Examiner: SPOONER, LAMONT M

Art Unit: 2626

Customer No.: 36645

Confirm. No.: 6249

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Date _____ Thomas F. Lebens
Registration No. 38,221
Attorney for Applicant(s)

**REQUEST FOR CERTIFICATE OF CORRECTION
PURSUANT TO 37 C.F.R. § 1.322**

Certificate of Correction Branch
Commissioner for Patents
Post Office Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is a Certificate of Correction for United States Patent 7,447,635 B1 issued November 4, 2008. Upon reviewing the patent, the following errors were noted and should be corrected as follows:

On the Face Page:

Column 2, under OTHER PUBLICATIONS, line 1, delete "Spohln" and insert --Spoken--.

In the Claims:

Claim 1, column 19, line 1, delete “can” and insert --is configured to--.

Claim 1, column 19, line 10, delete “plurality of devices” and insert --plurality of different devices--.

Claim 1, column 19, line 15, delete “plurality of devices” and insert --plurality of different devices--.

Claim 1, column 19, lines 17-18, delete “plurality of devices” and insert --plurality of different devices--.

Claim 2, column 19, lines 19-20, delete “plurality of devices” and insert --plurality of different devices--.

Claim 12, column 19, line 56, delete “can” and insert --is configured to--.

Claim 12, column 19, line 62, delete “plurality of devices” and insert --plurality of different devices--.

Claim 12, column 19, line 67, delete “plurality of devices” and insert --plurality of different devices--.

Claim 12, column 20, line 2, delete “plurality of devices” and insert --plurality of different devices--.

Claim 13, column 20, line 10, delete “can” and insert --is configured to--.

Claim 13, column 20, line 16, delete “plurality of devices” and insert --plurality of different devices--.

Claim 14, column 20, line 30, delete “can” and insert --is configured to--.

Claim 14, column 20, line 36, delete “plurality of devices” and insert --plurality of different devices--.

Claim 15, column 20, line 51, delete “can” and insert --is configured to--.

Claim 15, column 20, line 57, delete “plurality of devices” and insert --plurality of different devices--.

Claim 15, column 20, line 62, delete “plurality of devices” and insert --plurality of different devices--.

Claim 16, column 21, line 3, delete “can” and insert --is configured to--.

Claim 16, column 21, line 9, delete “plurality of devices” and insert --plurality of different devices--.

Claim 16, column 21, line 14, delete “plurality of devices” and insert --plurality of different devices--.

Claim 17, column 21, line 26, delete “plurality of devices” and insert --plurality of different devices--.

Claim 17, column 21, line 33, delete “plurality of devices” and insert --plurality of different devices--.

Claim 17, column 21, line 35, delete “plurality of devices” and insert --plurality of different devices--.

Claim 24, column 22, lines 10-11, delete “plurality of devices” and insert --plurality of different devices--.

Claim 25, column 22, line 14, delete “plurality of devices” and insert --plurality of different

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Request for Certificate of Correction

devices--.

The Certificate of Correction sets forth these corrections.

Remarks

A review of these documents confirms that the errors were made in the printing of the patent. For the correction to the Face Page, please see Exhibit "A", the List of References Cited by Examiner, dated October 3, 2001. For the corrections to the Claims, please see Exhibit "B", pages 3, 4 and 5 of the Examiner's Amendment included with the Notice of Allowance and Fees Due dated June 26, 2008.

Since these errors for which a Certificate of Correction is requested are a result of the United States Patent and Trademark Office mistake, no fee is due (35 U.S.C. § 254). Please charge any deficiency or overpayment in fees to Deposit Account 06-1135.

Dated: 2/5/2009

Respectfully submitted,

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Notice of References Cited		Applicant/Patent KONOPKA ET AL	Application/Control No. 09/692,846
Examiner PATRICK N. EDOUARD	Art Unit 2644	Page 1 of 1	

U.S. PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY ¹	Name	Classification ²
A	5,748,974	5/1998	JOHNSON	704 270
B	5,797,123	8/1998	CHOU ET AL	704 256
C				
D				
E				
F				
G				
H				
I				
J				
K				
L				
M				

FOREIGN PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY ¹	Country	Name	Classification ²
N					
O					
P					
Q					
R					
S					
T					

NON-PATENT DOCUMENTS

	Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages
U	Wyard et al., "Spoken language Systems-Beyond prompt and response" BT Technology Vol. 14, 1996.
V	
W	
X	

* A copy of this reference is not being furnished with this Office action. See MPEP § 707.05(a). ¹ Dates in MM-YYYY format are publication dates. ² Classifications may be U.S. or foreign.

such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Timothy Baumann on 6/11/08.

In claim 1, line 6, replace "can" with - -is configured to- -.

In claim 1, line 12, replace "plurality of devices" with - -plurality of different devices- -.

In claim 1, line 15, replace "plurality of" with - -plurality of different- -.

In claim 1, line 17, replace "plurality of devices" with - -plurality of different devices- -.

In claim 2, replace "plurality of devices" with - -plurality of different devices- -.

In claim 6, line 6, replace "can" with - -is configured to- -.

In claim 6, line 11, replace "plurality of devices" with - -plurality of different devices- -.

In claim 6, line 14, replace "plurality of devices" with - -plurality of different devices- -.

In claim 6, line 16, replace "plurality of devices" with - -plurality of different devices- -.

In claim 7, line 6, replace “can” with - -is configured to- -.

In claim 7, line 11, replace “plurality of devices” with - -plurality of different devices- -.

In claim 8, line 6, replace “can” with - -is configured to- -.

In claim 8, line 11, replace “plurality of devices” with - -plurality of different devices- -.

In claim 9, line 6, replace “can” with - -is configured to- -.

In claim 9, line 10, replace “plurality of devices” with - -plurality of different devices- -.

In claim 9, line 13, replace “plurality of” with - -plurality of different- -.

In claim 10, line 6, replace “can” with - -is configured to- -.

In claim 10, line 10, replace “plurality of devices” with - -plurality of different devices- -.

In claim 10, line 14, replace “plurality of” with - -plurality of different- -.

In claim 26, line 8, replace “plurality of devices” with - -plurality of different devices- -.

In claim 26, line 13, replace “plurality of” with - -plurality of different- -.

In claim 26, line 15, replace “plurality of” with - -plurality of different- -.

In claim 34, line 2, replace “plurality of” with - -plurality of different- -.

In claim 35, line 2, replace “plurality of” with - -plurality of different- -.

Allowable Subject Matter

4. Claims 1-16, 26-30, and 32-44 are allowed.

The following is an examiner's statement of reasons for allowance:

The instant application is deemed to be directed to a nonobvious improvement over the invention patented in Morin (US 5,748,841).

Regarding claims 1, 6, Morin teaches prompted request from a user, and different grammars for different applications. However, Morin lacks the non-obvious improvement of a speech recognition module that utilizes hidden Markov models and is **configured to switch between different acoustic models and different grammars**. Morin also lacks, a device interface coupled to the natural language interface module, wherein the **natural language interface is for operating a plurality of different devices of one or more types** that are coupled to the device interface based upon **non-prompted**, open-ended natural language **requests** from a user. Morin also lacks, wherein the **natural language interface module abstracts** each of the **plurality of different devices** into a respected one of the **different grammars** and a respective one of a **plurality of lexica** corresponding to each of the plurality of different devices.

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

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PATENT NO. : 7,447,635 B1

APPLICATION NO.: 09/692,846

ISSUE DATE : November 4, 2008

INVENTOR(S) : Konopka et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

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 Claim 24, column 22, lines 10-11, delete "plurality of devices" and insert --plurality of different devices--.
 Claim 25, column 22, line 14, delete "plurality of devices" and insert --plurality of different devices--.

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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